

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G01V1/38

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7-601V

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

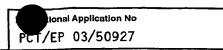
EPO-Internal, WPI Data

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X .	US 5 428 581 A (DOISY YVES ET AL) 27 June 1995 (1995-06-27)	1-4, 15-18, 24,38,39
	column 1, line 9 - line 20 column 2, line 53 - line 59; figure 2	
A	COURT I N: "Applications of accoustics to source-array and streamer tow-point positioning" GEOPHYSICS, SOCIETY OF EXPLORATION GEOPHYSICISTS. TULSA, US, vol. 56, no. 4, 1 April 1991 (1991-04-01), pages 558-564, XP002268338 ISSN: 0016-8033 page 559; figures 1,2 page 561, left-hand column -page 563, left-hand column	1-42

Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
° Special categories of cited documents:	"T' later document published after the international filing date
"A" document defining the general state of the art which is not considered to be of particular relevance	or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier document but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another	Involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention
citation or other special reason (as specified)	cannot be considered to involve an inventive step when the
O document referring to an oral disclosure, use, exhibition or other means	document is combined with one or more other such docu- ments, such combination being obvious to a person skilled
P document published prior to the International filing date but	in the art.
later than the priority date claimed	"8" document member of the same patent family
Date of the actual completion of the international search	Date of mailing of the international search report
7- April 2004	-07/05/2004
Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Schneiderbauer, K

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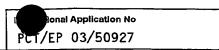




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